



1

SEQUENCE LISTING

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JAN 14 2002

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<110> CWIRLA, STEVEN E.  
BALU, PALANI  
DUFFIN, DAVID J.  
PIPLANI, SUNILA  
MERRILL, BARBARA MCEOWEN  
SCHATZ, PETER JOSEPH

<120> COMPOUNDS HAVING AFFINITY FOR THE GRANULOCYTE-COLONY  
STIMULATING FACTOR RECEPTOR (G-CSFR) AND ASSOCIATED  
USES

<130> 0300-0014

<140> 09/620,091  
<141> 2000-07-20

<160> 491

<170> PatentIn Ver. 2.1

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<223> Description of Artificial Sequence: Synthetic peptide

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Ser Asp Glu Val Ile Phe Tyr Cys Cys  
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<210> 18

<211> 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Asp Arg Glu Ile Met Trp Phe Cys Cys  
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<210> 19

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<212> PRT

<213> Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 19

Cys	Ala	His	Glu	Val	Met	Trp	Met	Cys	Cys
1					5				10

&lt;210&gt; 20

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 20

Cys	Gly	Ser	Glu	Val	Thr	Phe	Met	Cys	Cys
1					5				10

&lt;210&gt; 21

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 21

Cys	Leu	Glu	Glu	Ile	Met	Trp	Leu	Cys	Cys
1					5				10

&lt;210&gt; 22

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 22

Cys	Ala	Arg	Glu	Val	Leu	Ala	Met	Cys	Cys
1					5				10

&lt;210&gt; 23

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 23

Cys Ser Val Glu Val Met Gln Met Cys Cys  
1 5 10

&lt;210&gt; 24

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 24

Cys Thr Asn Val Gln Leu Met His Tyr Cys  
1 5 10

&lt;210&gt; 25

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 25

Cys Asp Val Trp Gln Leu Phe Asp Arg Cys  
1 5 10

&lt;210&gt; 26

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 26

Cys Ser Phe Val Gln Leu Asn Ser Ile Cys  
1 5 10

&lt;210&gt; 27

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Asp Tyr Trp Gln Trp Phe Asp Lys Cys  
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<210> 28

<211> 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Glu Ser Phe Trp Val Glu Leu Trp Cys  
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<210> 29

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Val Pro Trp Met Phe Tyr Asp Leu Cys  
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<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Asp Pro Trp Met Phe Tyr Asp Leu Cys  
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<210> 31

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 31

Cys Asp Pro Trp Val Leu Phe Asp Glu Cys  
1 5 10

&lt;210&gt; 32

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 32

Cys Asp His Trp Thr Tyr Phe Asp Met Cys  
1 5 10

&lt;210&gt; 33

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 33

Cys Val Val Trp Thr Leu Tyr Asp Lys Cys  
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&lt;210&gt; 34

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 34

Cys Pro Asp Trp Tyr Gln Ser Tyr Met Cys  
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&lt;210&gt; 35

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Pro Glu Trp Tyr Thr Asp Val Met Cys  
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Cys Pro Asp Trp Tyr Leu Asp Tyr Met Cys  
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<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Pro Glu Trp Tyr Leu Asp Tyr Met Cys  
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<210> 39

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<212> PRT

<213> Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 39

Cys Pro Asp Trp Tyr Leu Pro Tyr Met Cys  
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&lt;210&gt; 40

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 40

Cys Pro Glu Trp Tyr Leu Pro Tyr Met Cys  
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&lt;210&gt; 41

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 41

Cys Gln Asp Trp Trp Val Glu Leu Trp Cys  
1 5 10

&lt;210&gt; 42

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 42

Cys Pro Asp Trp Tyr Leu Pro Trp Met Cys  
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&lt;210&gt; 43

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 43

Cys Ala Cys Met Leu Arg Val Val His Cys  
1 5 10

&lt;210&gt; 44

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 44

Cys Gln Arg Ala Gly Tyr Met Leu Ala Cys  
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&lt;210&gt; 45

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 45

Cys His Ala Asn Pro Val Trp Gly Glu Cys  
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&lt;210&gt; 46

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 46

Cys Phe Trp Ser Asp Trp Gly Gln Thr Cys  
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&lt;210&gt; 47

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence



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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 47

Cys	Pro	His	Trp	Thr	Ser	Tyr	Tyr	Met	Cys
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&lt;210&gt; 48

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 48

Cys	Glu	Thr	Leu	Cys	Gly	Ala	Cys	Phe	Cys
1				5					10

&lt;210&gt; 49

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 49

Cys	Ala	Thr	Thr	Ile	Asn	Asp	Thr	Leu	Cys
1				5					10

&lt;210&gt; 50

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 50

Cys	Leu	Asn	Tyr	Pro	His	Pro	Val	Phe	Cys
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&lt;210&gt; 51

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<210> 52

<211> 10

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Asn Met Gly Trp Met Ser Trp Pro Cys  
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<210> 53

<211> 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Glu Thr Tyr Ala Asp Trp Leu Gly Cys  
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<210> 54

<211> 10

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<223> Description of Artificial Sequence: Synthetic peptide

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<211> 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Asp Pro Trp Ile Trp Tyr Asp Leu Cys  
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<210> 56

<211> 10

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 56

Cys Asp Pro Trp Ile Met Tyr Asp Arg Cys  
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<210> 57

<211> 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Cys Asp Pro Trp Val Phe Phe Asp Ile Cys  
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<210> 58

<211> 10

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Cys Asp Pro Trp Thr Tyr Tyr Asp Leu Cys  
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<210> 59

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<400> 59

Cys Asp Pro Trp Ile Phe Tyr Asp Arg Cys  
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<400> 61

Cys Asp Pro Trp Val Trp Tyr Asp Leu Cys  
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<210> 62

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 62

Cys Asp Pro Trp Ile Phe Phe Asp Arg Cys  
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<210> 63

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&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 63

Cys	Asp	Pro	Trp	Met	Phe	Phe	Asp	Gln	Cys
1				5					10

&lt;210&gt; 64

&lt;211&gt; 10

&lt;212&gt; PRT

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 64

Cys	Asp	Pro	Trp	Leu	Trp	Tyr	Asp	Arg	Cys
1				5					10

&lt;210&gt; 65

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 65

Cys	Asp	Val	Trp	Val	Trp	Tyr	Asp	Gln	Cys
1				5					10

&lt;210&gt; 66

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 66

Cys	Asp	Pro	Trp	Ile	Tyr	Tyr	Asp	Leu	Cys
1				5					10

&lt;210&gt; 67

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 67

Cys	Val	Pro	Trp	Thr	Leu	Phe	Asp	Leu	Cys
1				5					10

&lt;210&gt; 68

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 68

Cys	Pro	Ala	Trp	Tyr	Leu	Glu	Tyr	Met	Cys
1				5					10

&lt;210&gt; 69

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 69

Cys	Pro	Asp	Trp	Tyr	Leu	Glu	Tyr	Met	Cys
1				5					10

&lt;210&gt; 70

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 70

Cys	Lys	Tyr	Trp	Gln	Trp	Phe	Asp	Lys	Cys
1				5					10

&lt;210&gt; 71

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 71

Cys	Asp	His	Trp	Met	Trp	Tyr	Asp	Lys	Cys
1				5					10

&lt;210&gt; 72

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 72

Gly	Cys	Asn	Arg	Glu	Ile	Glu	Ala	Met	Cys	Cys	Gly
1				5					10		

&lt;210&gt; 73

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 73

Gly	Cys	Pro	Glu	Trp	Tyr	Thr	Asp	Val	Met	Cys	Gly
1				5					10		

&lt;210&gt; 74

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 74

Asn	Trp	Tyr	Cys	Met	Asp	Gly	Glu	Met	Ala	Val	Asp	Cys	Glu	Ala	Thr
1				5					10					15	

&lt;210&gt; 75

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 75

Trp	Gln	Ser	Cys	Asn	Met	Gly	Trp	Met	Ser	Trp	Pro	Cys	Tyr	Phe	Val
1					5				10					15	

&lt;210&gt; 76

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 76

His	Glu	Leu	Cys	Glu	Thr	Tyr	Ala	Asp	Trp	Leu	Gly	Cys	Val	Glu	Trp
1					5				10					15	

&lt;210&gt; 77

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 77

Pro	Cys	Asp	Pro	Trp	Met	Phe	Phe	Asp	Met	Cys	Glu	Arg	Trp
1					5				10				

&lt;210&gt; 78

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 78

Leu	Arg	Gly	Cys	Asp	Pro	Trp	Ile	Trp	Tyr	Asp	Leu	Cys	Pro	Ala	Val
1					5				10					15	

&lt;210&gt; 79

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence



<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 79

Gly	Tyr	Leu	Cys	Asp	Pro	Trp	Ile	Phe	Tyr	Asp	Arg	Cys	Leu	Gly	Phe
1				5					10					15	

<210> 80

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 80

Arg	Phe	Ala	Cys	Asp	Pro	Trp	Val	Phe	Phe	Asp	Ile	Cys	Gly	Tyr	Trp
1				5					10					15	

<210> 81

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 81

Gly	Tyr	Trp	Cys	Asp	Pro	Trp	Thr	Tyr	Tyr	Asp	Leu	Cys	Leu	Thr	Ala
1				5					10					15	

<210> 82

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 82

Met	Trp	Thr	Cys	Asp	Pro	Trp	Ile	Phe	Tyr	Asp	Arg	Cys	Phe	Leu	Asn
1				5					10					15	

<210> 83

<211> 16

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 83

Gly	Ser	Ser	Cys	Asp	Pro	Trp	Leu	Phe	Tyr	Asp	Leu	Cys	Leu	Leu	Asp
1				5					10					15	

&lt;210&gt; 84

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 84

Gly	Gly	Gly	Cys	Asp	Pro	Trp	Val	Trp	Tyr	Asp	Leu	Cys	Trp	Cys	Asp
1				5					10					15	

&lt;210&gt; 85

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 85

Tyr	Thr	Ser	Cys	Asp	Pro	Trp	Ile	Phe	Phe	Asp	Arg	Cys	Met	Ser	Val
1				5					10					15	

&lt;210&gt; 86

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 86

Asp	Pro	Tyr	Cys	Asp	Pro	Trp	Met	Phe	Phe	Asp	Gln	Cys	Ala	Tyr	Leu
1				5					10					15	

&lt;210&gt; 87

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 87

Arg	Glu	Phe	Cys	Asp	Pro	Trp	Leu	Trp	Tyr	Asp	Arg	Cys	Leu
1				5					10				

&lt;210&gt; 88

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 88

Asn	Thr	Gly	Cys	Asp	Val	Trp	Val	Trp	Tyr	Asp	Gln	Cys	Phe	Ala	Met
1				5					10					15	

&lt;210&gt; 89

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 89

Leu	Val	Phe	Cys	Asp	Pro	Trp	Ile	Tyr	Tyr	Asp	Leu	Cys	Met	Asp	Thr
1				5					10					15	

&lt;210&gt; 90

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 90

Gly	Cys	Ser	Phe	Val	Gln	Leu	Asn	Ser	Ile	Cys	Gly
1				5					10		

&lt;210&gt; 91

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 91

Gly Cys Pro Ala Trp Tyr Leu Glu Tyr Met Cys Gly  
1 5 10

&lt;210&gt; 92

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 92

Gly Cys Pro Asp Trp Tyr Leu Glu Tyr Met Cys Gly  
1 5 10

&lt;210&gt; 93

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 93

Gly Cys Lys Tyr Trp Gln Trp Phe Asp Lys Cys Gly  
1 5 10

&lt;210&gt; 94

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 94

Gly Cys Asp His Trp Met Trp Tyr Asp Lys Cys Gly  
1 5 10

&lt;210&gt; 95

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 95

Ser Asn Glu Ser Gly Trp Val Trp Leu  
1 5

<210> 96

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 96

Gln Ser Asn Ser Gly Trp Val Trp Val  
1 5

<210> 97

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 97

Arg Thr Glu Ser Gly Trp Val Trp Thr  
1 5

<210> 98

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 98

Arg Ala Asn Ser Gly Trp Val Trp Val  
1 5

<210> 99

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 99

Tyr Asp Asn Ser Gly Trp Val Trp His  
1 5

<210> 100

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 100

Leu Ser Asp Ser Gly Trp Val Trp Val Pro  
1 5 10

<210> 101

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 101

Glu Gln Ser Asn Ser Gly Trp Val Trp Val Gly Gly Gly Gly Cys  
1 5 10 15

<210> 102

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 102

Cys Glu Gln Ser Asn Ser Gly Trp Val Trp Val  
1 5 10

<210> 103

<211> 18

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 103

Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val	Gly	Gly	Gly	Gly	Cys	Lys
1				5					10					15	

Lys Lys

&lt;210&gt; 104

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 104

Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val	Gly	Lys	Lys	Lys	Cys
1				5					10					15

&lt;210&gt; 105

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 105

Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val	Gly	Lys	Lys	Lys
1				5					10				

&lt;210&gt; 106

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 106

Lys	Lys	Lys	Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val
1					5					10		

&lt;210&gt; 107

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 107

Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val	Gly	Lys	Lys	Lys	Ser	Lys
1				5					10					15	

Lys Lys

&lt;210&gt; 108

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 108

Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val	Gly	Gly	Cys	Lys	Lys	Lys
1				5					10					15	

&lt;210&gt; 109

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 109

Glu	Gln	Ser	Asn	Ser	Gly	Trp	Val	Trp	Val	Gly	Gly	Gly	Gly	Gly	Gly
1				5					10					15	

Cys	Lys	Lys	Lys
			20

&lt;210&gt; 110

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 110

Ser	Asn	Glu	Ser	Gly	Trp	Val	Trp	Leu	Pro
1				5					10



<210> 111  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 111  
 Glu Gln Ser Asn Ser Gly Trp Val Trp Val  
           1                  5                  10

<210> 112  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 112  
 Ser Arg Thr Glu Ser Gly Trp Val Trp Thr  
           1                  5                  10

<210> 113  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 113  
 Gln Arg Ala Asn Ser Gly Trp Val Trp Val  
           1                  5                  10

<210> 114  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 114  
 Asp Tyr Asp Asn Ser Gly Trp Val Trp His  
           1                  5                  10

<210> 115  
 <211> 15

<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 115  
 Glu Gln Ser Asn Ser Gly Trp Val Trp Val Gly Lys Lys Lys Lys  
     1                    5                    10                    15

<210> 116  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 116  
 Glu Gln Ser Asn Ser Gly Trp Val Trp Val Gly Gly Gly Gly Ser Lys  
     1                    5                    10                    15

Lys Lys

<210> 117  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 117  
 Glu Gln Ser Asn Ser Gly Trp Val Trp Val Gly Gly Gly Gly Ser  
     1                    5                    10                    15

<210> 118  
 <211> 30  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 118  
 Glu Gln Ser Asn Ser Gly Trp Val Trp Val Gly Gly Gly Gly Ser Glu  
     1                    5                    10                    15

Gln Ser Asn Ser Gly Trp Val Trp Val Gly Gly Gly Gly Ser  
             20                    25                    30

<210> 119  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 119  
 Arg Tyr Gln Ser Phe Glu Leu Ser Asp Ser Gly Trp Val Trp Val Pro  
   1                  5                  10                  15

Val Ala Arg His  
                   20

<210> 120  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 120  
 Glu Arg Asp Trp Phe Cys  
   1                  5

<210> 121  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 121  
 Glu Arg Asp Trp Gly Cys  
   1                  5

<210> 122  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 122  
Glu Arg Leu Trp Phe Cys  
1 5

<210> 123  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 123  
Glu Arg Ser Tyr Phe Cys  
1 5

<210> 124  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 124  
Glu Arg Gly Trp Phe Cys  
1 5

<210> 125  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 125  
Glu Arg Glu Trp Phe Cys  
1 5

<210> 126  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 126

Glu Arg Ala Trp Phe Cys

1

5

<210> 127

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 127

Glu Arg Leu Tyr Phe Cys

1

5

<210> 128

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 128

Glu Arg Tyr Phe Met Cys

1

5

<210> 129

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 129

Glu Arg Leu Phe Leu Cys

1

5

<210> 130

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 130  
Glu Arg Ala Leu Met Cys  
1 5

<210> 131  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 131  
Glu Arg Asp Val Met Cys  
1 5

<210> 132  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 132  
Glu Arg Lys Trp Phe Cys  
1 5

<210> 133  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 133  
Glu Thr Trp Gly Glu Arg Asp Trp Phe Cys  
1 5 10

<210> 134  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 134

Glu Thr Trp Gly Glu Arg Asp Trp Gly Cys  
1 5 10

<210> 135

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 135

Ser Thr Ala Glu Arg Leu Trp Phe Cys Gly  
1 5 10

<210> 136

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 136

Tyr Glu Thr Ala Glu Arg Ser Tyr Phe Cys  
1 5 10

<210> 137

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 137

Ala Asp Asn Ala Glu Arg Gly Trp Phe Cys  
1 5 10

<210> 138

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 138

Gln Ser Asn Ser Glu Arg Glu Trp Phe Cys  
1 5 10

&lt;210&gt; 139

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 139

Ser Thr Ser Glu Arg Ala Trp Phe Cys Gly  
1 5 10

&lt;210&gt; 140

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 140

Ala Ser Trp Ser Glu Arg Gly Trp Phe Cys  
1 5 10

&lt;210&gt; 141

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 141

Glu Leu Ser Ser Glu Arg Glu Trp Phe Cys  
1 5 10

&lt;210&gt; 142

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide



&lt;400&gt; 142

Asp Met Gln Gly Glu Arg Gly Trp Phe Cys  
1 5 10

&lt;210&gt; 143

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 143

Ser Ser Ser Glu Arg Ala Trp Phe Cys Gly  
1 5 10

&lt;210&gt; 144

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 144

Gly Asn Met Arg Glu Arg Leu Tyr Phe Cys  
1 5 10

&lt;210&gt; 145

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 145

Gln Pro Asn Arg Glu Arg Tyr Phe Met Cys  
1 5 10

&lt;210&gt; 146

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 146

Ser Val Thr Arg Glu Arg Leu Phe Leu Cys  
1 5 10

&lt;210&gt; 147

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 147

Ile Pro Leu Ser Glu Arg Ala Leu Met Cys Ser Ser Trp Asn Cys  
1 5 10 15

&lt;210&gt; 148

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 148

Trp Ala Arg Ser Glu Arg Asp Val Met Cys Leu Ser Tyr Val Cys  
1 5 10 15

&lt;210&gt; 149

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 149

Gln Ser Asn Ser Glu Arg Glu Trp Phe Cys Gly  
1 5 10

&lt;210&gt; 150

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 150

Gln Ser Asn Ser Glu Arg Glu Trp Phe Cys Gly Gly Gly Gly Ser  
 1 5 10 15

&lt;210&gt; 151

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 151

Asn Leu Glu Glu Ala Leu Ala Gln Glu Arg Leu Trp Phe Cys Arg Ser  
 1 5 10 15

Gly Asn Cys

&lt;210&gt; 152

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 152

Asn Leu Glu Ser Tyr Glu Met Glu Glu Arg Lys Trp Phe Cys Lys Met  
 1 5 10 15

Phe Ser Cys

&lt;210&gt; 153

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 153

Asp Met Val Tyr Ala Tyr Pro Pro Trp  
 1 5

&lt;210&gt; 154

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 154

Glu Met Val Tyr Thr Val Pro Tyr Trp  
1 5

<210> 155

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 155

Asp Met Val Tyr Ala Tyr Pro Pro Trp Ser  
1 5 10

<210> 156

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 156

Asp Glu Met Val Tyr Thr Val Pro Tyr Trp  
1 5 10

<210> 157

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 157

Cys Glu Ser Arg Leu Val Glu Cys Ser Arg Met Cys  
1 5 10

<210> 158

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 158

Cys Glu Thr Tyr Met Thr Tyr Val Tyr Trp Leu Cys  
1 5 10

<210> 159

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 159

Cys Gly Glu Arg Leu Ala Glu Cys Ala Arg Leu Cys  
1 5 10

<210> 160

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 160

Cys Glu Ser Arg Leu Arg Glu Cys Ser Met Leu Cys  
1 5 10

<210> 161

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 161

Cys Glu Ala Arg Leu Ser Glu Cys Ser Arg Ile Cys  
1 5 10

<210> 162

<211> 12

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 162

Cys	Pro	Ala	Arg	Leu	Leu	Glu	Cys	Ser	Arg	Met	Cys
1				5						10	

&lt;210&gt; 163

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 163

Cys	Glu	Ser	Val	Gly	Val	Gly	Asp	Trp	Trp	Ser	Cys
1				5						10	

&lt;210&gt; 164

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 164

Cys	Glu	Asp	Arg	Leu	Val	Glu	Gly	Pro	Trp	Val	Cys
1				5						10	

&lt;210&gt; 165

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 165

Cys	Asn	Asp	Gln	Phe	Arg	Thr	Cys	Val	Asp	Val	Cys
1				5						10	

&lt;210&gt; 166

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 166

Cys Arg Gly Glu Trp Trp Glu Leu Tyr His Pro Cys  
1 5 10

<210> 167

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 167

Cys Glu Asp Thr Arg Thr Gly Trp Ala Trp Ser Cys  
1 5 10

<210> 168

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 168

Cys Thr Trp Leu Ser Ser Gly Glu Leu Val Trp Cys  
1 5 10

<210> 169

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 169

Cys Trp Pro Pro Val Cys Glu Val Ser Gly Ile Cys  
1 5 10

<210> 170

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 170

Cys Ser Leu Ser Pro Ile Gln Leu Gln His Leu Cys  
1 5 10

<210> 171

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 171

Cys Leu Ala Arg Leu Glu Glu Cys Ser Arg Phe Cys  
1 5 10

<210> 172

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 172

Cys His Asn Ser Ser Pro Met Val Gly Val Thr Cys  
1 5 10

<210> 173

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 173

Cys His Val Ser Pro Val Gln Ile Lys Ala Leu Cys  
1 5 10

<210> 174

<211> 12

<212> PRT

<213> Artificial Sequence



<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 174

Cys Ala Ala Pro Ala Thr Ser Trp Phe Gln Tyr Cys  
1 5 10

<210> 175

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 175

Cys Ala Ser Lys Leu His Glu Cys Ser Leu Arg Cys  
1 5 10

<210> 176

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 176

Cys Glu Pro Met Asp Ser Asn Gly Ile Val Gln Cys  
1 5 10

<210> 177

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 177

Cys Gln Tyr Ala Ser Ala Ala Asp Glu Gln Arg Cys  
1 5 10

<210> 178

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 178

Cys Glu Tyr Trp Asp Glu Pro Ser Leu Ser Trp Cys  
1 5 10

<210> 179

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 179

Cys Glu Arg Glu Cys Phe Gln Met Leu Glu Arg Cys  
1 5 10

<210> 180

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 180

Cys Gly Met Ser Thr Asp Glu Leu Asp Glu Ile Cys  
1 5 10

<210> 181

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 181

Cys Tyr Val Ser Pro Ser Thr Gly Leu Tyr Ser Cys  
1 5 10

<210> 182

<211> 12

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 182

Cys Glu Ala Arg Leu Val Glu Cys Ser Arg Leu Cys  
1 5 10

&lt;210&gt; 183

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 183

Cys Glu Ser Arg Leu Ser Glu Cys Ser Arg Met Cys  
1 5 10

&lt;210&gt; 184

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 184

Cys Glu Leu Lys Leu Gln Glu Cys Ala Arg Arg Cys  
1 5 10

&lt;210&gt; 185

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 185

Cys Glu Leu Lys Leu Gln Glu Ala Ala Arg Arg Cys  
1 5 10

&lt;210&gt; 186

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 186

Cys Leu Glu Arg Leu Glu Glu Cys Ser Arg Phe Cys  
1 5 10

<210> 187

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 187

Gly Gly Cys Glu Ser Arg Leu Val Glu Cys Ser Arg Met Cys  
1 5 10

<210> 188

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 188

Gly Gly Cys Glu Thr Tyr Met Thr Tyr Val Tyr Trp Leu Cys  
1 5 10

<210> 189

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 189

Glu Trp Leu Cys Glu Ser Val Gly Val Gly Asp Trp Trp Ser Cys  
1 5 10 15

<210> 190

<211> 18

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 190

Tyr	His	Pro	Cys	Glu	Asp	Arg	Leu	Val	Glu	Gly	Pro	Trp	Val	Cys	Cys
1				5					10					15	

Arg Ser

&lt;210&gt; 191

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 191

Trp	Leu	Leu	Cys	Asn	Asp	Gln	Phe	Arg	Thr	Cys	Val	Asp	Val	Cys	Asp
1				5					10					15	

Asn Val

&lt;210&gt; 192

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 192

Ile	Ala	Glu	Cys	Arg	Gly	Glu	Trp	Trp	Glu	Leu	Tyr	His	Pro	Cys	Leu
1				5					10					15	

Ala Ala

&lt;210&gt; 193

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 193

Thr	Trp	Tyr	Cys	Glu	Asp	Thr	Arg	Thr	Gly	Trp	Ala	Trp	Ser	Cys	Leu
1				5					10					15	

Glu Leu

<210> 194  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 194  
 Gln Leu Asp Cys Thr Trp Leu Ser Ser Gly Glu Leu Val Trp Cys Ser  
 1 5 10 15

Asp Trp

<210> 195  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 195  
 Gln Phe Asp Cys Thr Trp Leu Ser Ser Gly Glu Leu Val Trp Cys Ser  
 1 5 10 15

Asp Trp

<210> 196  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 196  
 Cys Trp Pro Pro Val Cys Glu Val Ser Gly Ile Cys Ser  
 1 5 10

<210> 197  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 197

Cys Gly Cys Ser Leu Ser Pro Ile Gln Leu Gln His Leu Cys  
1 5 10

<210> 198

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 198

Cys Gly Cys His Val Ser Pro Val Gln Ile Lys Ala Leu Cys  
1 5 10

<210> 199

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 199

Gly Cys His Val Ser Pro Val Gln Ile Lys Ala Leu Cys  
1 5 10

<210> 200

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 200

Gly Thr Ser Cys Ala Ala Pro Ala Thr Ser Trp Phe Gln Tyr Cys Val  
1 5 10 15

Leu Pro

<210> 201

<211> 18

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 201

Arg	Met	Asp	Cys	Ala	Ser	Lys	Leu	His	Glu	Cys	Ser	Leu	Arg	Cys	Ala
1					5				10					15	

Tyr Ala

&lt;210&gt; 202

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 202

Gly	Val	Val	Cys	Glu	Pro	Met	Asp	Ser	Asn	Gly	Ile	Val	Gln	Cys	Ser
1					5				10					15	

Met Arg

&lt;210&gt; 203

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 203

Ile	Asp	Val	Cys	Gln	Tyr	Ala	Ser	Ala	Ala	Asp	Glu	Gln	Arg	Cys	Leu
1					5				10					15	

Arg Ile

&lt;210&gt; 204

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide



&lt;400&gt; 204

Asn	Val	Leu	Cys	Glu	Tyr	Trp	Asp	Glu	Pro	Ser	Leu	Ser	Trp	Cys	Leu
1				5					10					15	

Ser Ser

&lt;210&gt; 205

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 205

Cys	Gln	Cys	Glu	Arg	Glu	Cys	Phe	Gln	Met	Leu	Glu	Arg	Cys
1				5					10				

&lt;210&gt; 206

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 206

Phe	Cys	Ser	Cys	Gly	Met	Ser	Thr	Asp	Glu	Leu	Asp	Glu	Ile	Cys	Ala
1				5					10					15	

Ile Trp

&lt;210&gt; 207

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 207

Glu	Glu	Val	Cys	Tyr	Val	Ser	Pro	Ser	Thr	Gly	Leu	Tyr	Ser	Cys	Tyr
1				5					10					15	

Asp Gln

&lt;210&gt; 208

&lt;211&gt; 17

<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 208  
 Leu Leu Asp Ile Cys Glu Leu Lys Leu Gln Glu Cys Ala Arg Arg Cys  
           1                  5                  10                  15

Asn

<210> 209  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 209  
 Gly Gly Gly Leu Leu Asp Ile Cys Glu Leu Lys Leu Gln Glu Cys Ala  
           1                  5                  10                  15

Arg Arg Cys Asn  
                   20

<210> 210  
 <211> 23  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 210  
 Gly Arg Thr Gly Gly Gly Leu Leu Asp Ile Cys Glu Leu Lys Leu Gln  
           1                  5                  10                  15

Glu Cys Ala Arg Arg Cys Asn  
                   20

<210> 211  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

&lt;400&gt; 211

Leu Gly Ile Glu Gly Arg Thr Gly Gly Gly Leu Leu Asp Ile Cys Glu  
 1 5 10 15

Leu Lys Leu Gln Glu Cys Ala Arg Arg Cys Asn  
 20 25

&lt;210&gt; 212

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 212

Leu Leu Asp Ile Cys Glu Leu Lys Leu Gln Glu Ala Ala Arg Arg Cys  
 1 5 10 15

Asn

&lt;210&gt; 213

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 213

Lys Leu Leu Asp Ile Cys Glu Leu Lys Leu Gln Glu Ala Ala Arg Arg  
 1 5 10 15

Cys Asn

&lt;210&gt; 214

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 214

Glu Glu Lys Leu Arg Glu Cys Ala Arg  
 1 5

&lt;210&gt; 215

&lt;211&gt; 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 215  
Glu Ala Arg Leu Ala Glu Cys Ala Arg  
1 5

<210> 216  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 216  
Cys Met Lys Leu Met Glu Cys Ala Arg  
1 5

<210> 217  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 217  
Glu Leu Arg Leu Arg Glu Cys Ala His  
1 5

<210> 218  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 218  
Glu Ala Lys Leu His Glu Cys Ala Arg  
1 5

<210> 219  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 219

Glu Leu Lys Leu Ala Glu Cys Ala Arg  
1 5

<210> 220

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 220

Glu Ala Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 221

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 221

Glu Ala Lys Leu Arg Glu Cys Ala Arg  
1 5

<210> 222

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 222

Glu Leu Arg Leu Ala Glu Cys Ala Arg  
1 5

<210> 223

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 223

Glu Ser Arg Leu Ala Glu Cys Ala Arg  
1 5

<210> 224

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 224

Glu Ala Lys Leu Val Glu Cys Ala Arg  
1 5

<210> 225

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 225

Glu Ser Arg Leu Arg Glu Cys Ala Arg  
1 5

<210> 226

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 226

Glu Ala Lys Leu Ala Glu Cys Ala Arg  
1 5

<210> 227

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 227

Gln Trp Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 228

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 228

Gln Leu Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 229

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 229

Glu Leu Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 230

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 230

Glu Ala Lys Leu Leu Glu Cys Ala Arg  
1 5

<210> 231

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 231

Glu Ala Arg Ala Gly Val Cys Ala Gly  
1 5

<210> 232

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 232

Glu Ala Lys Ala Gly Val Cys Ala Gly  
1 5

<210> 233

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 233

Val Ala Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 234

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 234

Glu Leu Lys Leu Asp Glu Cys Ala Arg  
1 5

<210> 235

<211> 9

<212> PRT

<213> Artificial Sequence



<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 235

Glu Trp Arg Leu Gln Glu Cys Ala Arg  
1 5

<210> 236

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 236

Glu Ala Lys Leu Ser Glu Cys Ala Arg  
1 5

<210> 237

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 237

Glu Ala Arg Leu Ser Glu Cys Ala Arg  
1 5

<210> 238

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 238

Glu Leu Lys Leu Leu Glu Cys Ala Arg  
1 5

<210> 239

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 239

Glu Leu Arg Leu Gln Glu Cys Gly Arg  
1 5

<210> 240

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 240

Glu Gln Lys Leu Ala Glu Cys Ala Arg  
1 5

<210> 241

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 241

Glu Leu Arg Leu Gln Glu Cys Ala Arg  
1 5

<210> 242

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 242

Glu Leu Lys Leu Glu Glu Cys Ala Arg  
1 5

<210> 243

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 243

Glu Ser Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 244

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 244

Glu Ala Thr Val Gln Glu Cys Ala Arg  
1 5

<210> 245

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 245

Glu Leu Lys Leu Gln Glu Cys Ala Arg  
1 5

<210> 246

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 246

Tyr Ser Arg Leu Glu Glu Cys Gly Arg  
1 5

<210> 247

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 247

Glu Leu Arg Leu Arg Glu Cys Ala Leu  
1 5

<210> 248

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 248

Glu Ala Arg Leu Leu Glu Cys Ala Arg  
1 5

<210> 249

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 249

Glu Ser Arg Leu Leu Glu Cys Ala Arg  
1 5

<210> 250

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 250

Val Leu Lys Leu Glu Glu Cys Ala Arg  
1 5

<210> 251

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 251

Glu Ser Lys Leu Ala Glu Cys Ala Arg  
1 5

<210> 252

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 252

Glu Ser Lys Leu Arg Glu Cys Ala Arg  
1 5

<210> 253

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 253

Glu Tyr Lys Leu Gly Glu Cys Ala Arg  
1 5

<210> 254

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 254

Glu Ser Arg Leu Gln Glu Cys Ala Arg  
1 5

<210> 255

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 255  
Gln Ala Arg Leu Ala Glu Cys Ala Arg  
1 5

<210> 256  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 256  
Glu Leu Lys Lys Gln Glu Cys Ala Arg  
1 5

<210> 257  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 257  
Glu Ser Arg Leu Ser Glu Cys Ala Arg  
1 5

<210> 258  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 258  
Glu Ala Arg Leu Glu Glu Cys Gly Arg  
1 5

<210> 259  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 259

Glu Ser Arg Leu Ala Glu Cys Gly Arg  
1 5

<210> 260

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 260

Glu Trp Arg Leu Glu Glu Cys Ala Arg  
1 5

<210> 261

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 261

Glu Ala Arg Leu Ser Glu Cys Gly Arg  
1 5

<210> 262

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 262

Ala Ala Arg Leu Ala Glu Cys Ala Arg  
1 5

<210> 263

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 263

Glu Trp Lys Leu Ala Glu Cys Ala Arg  
1 5

<210> 264

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 264

Glu Ser Lys Leu Glu Glu Cys Ala Arg  
1 5

<210> 265

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 265

Asp Val Lys Leu Ala Glu Cys Ala Arg  
1 5

<210> 266

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 266

Glu Leu Gln Leu Glu Glu Cys Ala Arg  
1 5

<210> 267

<211> 9

<212> PRT

<213> Artificial Sequence



&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 267

Glu Tyr Lys Leu Ala Ser Cys Ala Arg  
1 5

&lt;210&gt; 268

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 268

Arg Leu Ser Ile Cys Glu Glu Lys Leu Arg Glu Cys Ala Arg Gly Cys  
1 5 10 15

&lt;210&gt; 269

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 269

Pro Leu Thr Thr Cys Glu Ala Arg Leu Ala Glu Cys Ala Arg Gln Leu  
1 5 10 15

&lt;210&gt; 270

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 270

Leu Ala Leu Cys Met Lys Leu Met Glu Cys Ala Arg Arg Tyr  
1 5 10

&lt;210&gt; 271

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 271

Glu	Leu	Val	Met	Cys	Glu	Leu	Arg	Leu	Arg	Glu	Cys	Ala	His	Arg	Ala
1				5				10						15	

&lt;210&gt; 272

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 272

Pro	Leu	Ala	Arg	Cys	Glu	Ala	Lys	Leu	His	Glu	Cys	Ala	Arg	Gln	Leu
1				5				10						15	

&lt;210&gt; 273

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 273

Leu	Leu	Ser	Val	Cys	Glu	Leu	Lys	Leu	Ala	Glu	Cys	Ala	Arg	Ser	Lys
1				5				10						15	

&lt;210&gt; 274

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 274

Arg	Leu	Glu	Trp	Cys	Glu	Ala	Arg	Leu	Glu	Glu	Cys	Ala	Arg	Arg	Cys
1				5				10						15	

&lt;210&gt; 275

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 275

Arg Leu Arg Val Val Glu Ala Lys Leu Arg Glu Cys Ala Arg Gly Arg  
1 5 10 15

<210> 276

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 276

Cys Val Ala His Leu Glu Leu Arg Leu Ala Glu Cys Ala Arg Gln Ile  
1 5 10 15

<210> 277

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 277

His Leu Ala Arg Cys Glu Ser Arg Leu Ala Glu Cys Ala Arg Gln Leu  
1 5 10 15

<210> 278

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 278

Arg Leu Ala Leu Leu Glu Ala Lys Leu Val Glu Cys Ala Arg Arg Leu  
1 5 10 15

<210> 279

<211> 16

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 279

Asp Leu Phe Ser Leu Glu Ser Arg Leu Arg Glu Cys Ala Arg Arg Val  
1 5 10 15

&lt;210&gt; 280

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 280

Ala Val Pro Val Leu Glu Ala Lys Leu Ala Glu Cys Ala Arg Arg Phe  
1 5 10 15

&lt;210&gt; 281

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 281

Tyr Leu Gln Gln Leu Gln Trp Arg Leu Glu Glu Cys Ala Arg Gly Met  
1 5 10 15

&lt;210&gt; 282

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 282

Tyr Leu Glu Leu Cys Gln Leu Arg Leu Glu Glu Cys Ala Arg Gln Phe  
1 5 10 15

Asn

&lt;210&gt; 283

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 283

Glu	Leu	His	Ile	Cys	Glu	Leu	Arg	Leu	Glu	Glu	Cys	Ala	Arg	Gly	Arg
1				5					10					15	

<210> 284

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 284

Arg	Val	Ala	Arg	Cys	Glu	Leu	Arg	Leu	Ala	Glu	Cys	Ala	Arg	Lys	Ser
1				5					10					15	

<210> 285

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 285

Tyr	Leu	Glu	Val	Leu	Glu	Ser	Arg	Leu	Ala	Glu	Cys	Ala	Arg	Trp	Lys
1				5					10					15	

<210> 286

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 286

Glu	Ala	Lys	Leu	Leu	Glu	Cys	Ala	Arg	Ala	Arg
1				5					10	

<210> 287

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 287

Glu Leu Ser Leu Cys Glu Ala Arg Ala Gly Val Cys Ala Gly Ser Val  
1 5 10 15

Thr Lys

<210> 288

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 288

Glu Leu Ser Leu Cys Glu Ala Lys Ala Gly Val Cys Ala Gly Ser Val  
1 5 10 15

Thr Lys

<210> 289

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 289

Ala Leu Trp Gln Cys Val Ala Arg Leu Glu Glu Cys Ala Arg Ser Arg  
1 5 10 15

<210> 290

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 290

Cys Leu Lys Ser Cys Glu Leu Lys Leu Asp Glu Cys Ala Arg Arg Met  
1 5 10 15

<210> 291  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 291  
 Ala Leu Gln Thr Cys Glu Trp Arg Leu Gln Glu Cys Ala Arg Ser Arg  
           1                  5                  10                  15

<210> 292  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 292  
 Tyr Ile Ser Gln Cys Glu Ala Lys Leu Ala Glu Cys Ala Arg Leu Tyr  
           1                  5                  10                  15

<210> 293  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 293  
 Glu Leu Ser Ser Cys Glu Ala Lys Leu Ser Glu Cys Ala Arg Arg Trp  
           1                  5                  10                  15

<210> 294  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 294  
 Glu Leu Ser Ser Cys Glu Ala Arg Leu Ser Glu Cys Ala Arg Arg Trp  
           1                  5                  10                  15

<210> 295  
 <211> 16

<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 295  
 Gln Leu Leu Gln Cys Glu Leu Lys Leu Leu Glu Cys Ala Arg Gln Gly  
           1                  5                  10                  15

<210> 296  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 296  
 Glu Leu Leu Arg Cys Glu Ala Arg Leu Ala Glu Cys Ala Arg Gly Cys  
           1                  5                  10                  15

<210> 297  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 297  
 Gln Leu Arg Gln Cys Glu Leu Arg Leu Gln Glu Cys Gly Arg His Gly  
           1                  5                  10                  15

Asn

<210> 298  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 298  
 Pro Leu Thr Ser Cys Glu Gln Lys Leu Ala Glu Cys Ala Arg Arg Phe  
           1                  5                  10                  15



<210> 299  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 299  
Leu Leu Gly Met Cys Glu Leu Arg Leu Gln Glu Cys Ala Arg Ala Lys  
1 5 10 15

<210> 300  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 300  
Glu Leu Ser Arg Cys Glu Leu Lys Leu Glu Glu Cys Ala Arg Gly Met  
1 5 10 15

<210> 301  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 301  
Asp Cys Arg Pro Cys Glu Ser Arg Leu Glu Glu Cys Ala Arg Arg Leu  
1 5 10 15

<210> 302  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 302  
Arg Leu Ser Val Cys Glu Ala Arg Leu Glu Glu Cys Ala Arg Gln Leu  
1 5 10 15

<210> 303  
<211> 16

<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 303  
 Pro Leu Lys Met Cys Glu Ala Thr Val Gln Glu Cys Ala Arg Leu Ile  
           1                  5                  10                  15

<210> 304  
 <211> 16  
 <212> PRT  
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<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 304  
 Leu Leu Leu Phe Cys Glu Ala Arg Leu Ser Glu Cys Ala Arg His Val  
           1                  5                  10                  15

<210> 305  
 <211> 16  
 <212> PRT  
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<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 305  
 Ser Leu Ser Met Cys Glu Ala Arg Leu Ala Glu Cys Ala Arg Leu Leu  
           1                  5                  10                  15

<210> 306  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 306  
 Pro Leu Phe Ser Cys Glu Leu Lys Leu Gln Glu Cys Ala Arg Arg Cys  
           1                  5                  10                  15

Asn

<210> 307  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 307  
 Ser Leu Glu Arg Cys Tyr Ser Arg Leu Glu Glu Cys Gly Arg Arg Ile  
 1 5 10 15

<210> 308  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 308  
 Pro Leu Thr Ser Cys Glu Leu Arg Leu Arg Glu Cys Ala Leu Arg Ser  
 1 5 10 15

Asn

<210> 309  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 309  
 Lys Leu Ala Ala Cys Glu Leu Lys Leu Ala Glu Cys Ala Arg Arg Trp  
 1 5 10 15

<210> 310  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 310  
 Lys Leu Ala Ala Cys Glu Leu Arg Leu Ala Glu Cys Ala Arg Arg Trp  
 1 5 10 15

<210> 311  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 311  
 Ala Leu Thr Arg Cys Glu Leu Arg Leu Ala Glu Cys Ala Arg Lys Ile  
           1                  5                  10                  15

<210> 312  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 312  
 Leu Leu Gln Gln Cys Glu Leu Lys Leu Ala Glu Cys Ala Arg Ser Ile  
           1                  5                  10                  15

<210> 313  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 313  
 Gln Leu Trp Gln Cys Glu Ala Arg Leu Leu Glu Cys Ala Arg Arg Ser  
           1                  5                  10                  15

<210> 314  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 314  
 Arg Leu Arg Leu Cys Glu Ser Arg Leu Leu Glu Cys Ala Arg Ser Leu  
           1                  5                  10                  15

<210> 315  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 315  
 Gln Leu Glu Thr Cys Val Leu Lys Leu Glu Glu Cys Ala Arg Arg Cys  
 1 5 10 15

Asn

<210> 316  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 316  
 Ala Leu Ser Gln Cys Glu Leu Arg Leu Ala Glu Cys Ala Arg Ser Val  
 1 5 10 15

Thr Lys

<210> 317  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 317  
 Glu Leu Lys Leu Ala Glu Cys Ala Arg Arg Ser  
 1 5 10

<210> 318  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 318  
 Ala Leu Ser Arg Cys Glu Ser Lys Leu Ala Glu Cys Ala Arg Arg Gln  
           1                  5                  10                  15

<210> 319  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 319  
 Leu Met Ser Thr Cys Glu Ser Lys Leu Arg Glu Cys Ala Arg Ser Leu  
           1                  5                  10                  15

<210> 320  
 <211> 16  
 <212> PRT  
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<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 320  
 Ser Leu Gln Arg Cys Glu Tyr Lys Leu Gly Glu Cys Ala Arg Ser Leu  
           1                  5                  10                  15

<210> 321  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 321  
 Arg Leu Glu Leu Leu Glu Ser Arg Leu Gln Glu Cys Ala Arg Gln Leu  
           1                  5                  10                  15

Asn

<210> 322  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 322

Gln Met Glu Trp Cys Gln Ala Arg Leu Ala Glu Cys Ala Arg Cys Cys  
 1 5 10 15

Asn

<210> 323

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 323

Pro Leu Phe Ser Cys Glu Leu Lys Lys Gln Glu Cys Ala Arg Arg Cys  
 1 5 10 15

Asn

<210> 324

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 324

Leu Leu Asp Lys Cys Glu Ser Arg Leu Ser Glu Cys Ala Arg Arg Leu  
 1 5 10 15

<210> 325

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 325

Leu Leu Ala Arg Cys Glu Ala Arg Leu Glu Glu Cys Gly Arg Gln Cys  
 1 5 10 15

<210> 326

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 326

Asp Leu Leu Tyr Cys Glu Ser Arg Leu Ala Glu Cys Gly Arg Met  
1 5 10 15

<210> 327

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 327

Ala Leu Gln Met Cys Glu Trp Arg Leu Glu Glu Cys Ala Arg Arg Leu  
1 5 10 15

<210> 328

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 328

Leu Leu Thr Met Cys Glu Ala Arg Leu Ser Glu Cys Gly Arg Arg Leu  
1 5 10 15

<210> 329

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 329

Ala Leu Trp Arg Cys Glu Ser Arg Leu Ala Glu Cys Ala Arg Arg Ser  
1 5 10 15

<210> 330

<211> 16

<212> PRT

<213> Artificial Sequence



&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 330

Leu	Leu	Ala	Thr	Cys	Ala	Ala	Arg	Leu	Ala	Glu	Cys	Ala	Arg	Gln	Leu
1				5				10						15	

&lt;210&gt; 331

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 331

Leu	Gln	Thr	Cys	Glu	Trp	Lys	Leu	Ala	Glu	Cys	Ala	Arg	Ser	Asn
1				5				10						15

&lt;210&gt; 332

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 332

Pro	Leu	Arg	Ser	Cys	Glu	Ser	Lys	Leu	Glu	Glu	Cys	Ala	Arg	Gln	Leu
1				5				10						15	

&lt;210&gt; 333

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 333

Cys	Leu	Arg	Ala	Leu	Asp	Val	Lys	Leu	Ala	Glu	Cys	Ala	Arg	His	Leu
1				5				10						15	

&lt;210&gt; 334

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 334

Arg	Leu	Lys	Thr	Leu	Glu	Leu	Gln	Leu	Glu	Glu	Cys	Ala	Arg	Arg	Ser
1				5				10						15	

<210> 335

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 335

Lys	Leu	Arg	Asp	Val	Glu	Leu	Lys	Leu	Ala	Glu	Cys	Ala	Arg	Arg	Ser
1				5				10						15	

<210> 336

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 336

Ser	Leu	Gln	Arg	Cys	Glu	Tyr	Lys	Leu	Ala	Ser	Cys	Ala	Arg	Ser	Leu
1				5				10						15	

<210> 337

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 337

Arg	Leu	Ala	Arg	Cys	Glu	Leu	Arg	Leu	Ala	Glu	Cys	Ala	Arg	Lys	Ser
1				5				10						15	

<210> 338

<211> 17

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 338

Asp	Leu	Trp	Tyr	Leu	Glu	Ser	Lys	Leu	Glu	Glu	Cys	Ala	Arg	Arg	Cys
1				5					10					15	

Asn

&lt;210&gt; 339

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 339

Asp	Leu	Trp	Tyr	Leu	Glu	Ser	Lys	Leu	Glu	Glu	Cys	Ala	Arg	Arg	Ala
1				5					10					15	

Asn Gly

&lt;210&gt; 340

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 340

Asp	Leu	Trp	Tyr	Leu	Glu	Ser	Lys	Leu	Glu	Glu	Cys	Ala	Arg	Arg	Cys
1				5					10					15	

Asn Gly

&lt;210&gt; 341

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 341

Lys	Gln	Arg	Glu	Leu	Glu	Leu	Lys	Leu	Ala	Glu	Cys	Ala	Arg	Arg	Ser
1				5					10					15	

<210> 342  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 342  
Gln Met Gln Glu Trp Cys Ala Arg Leu Ala Glu Cys Ala Arg Cys Cys  
1 5 10 15

Asn

<210> 343  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 343  
Leu Leu Asp Ile Cys Glu Leu Lys Leu Gln Glu Cys Ala Arg Arg Ala  
1 5 10 15

Asn

<210> 344  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 344  
Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 345  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 345  
Ala Glu Arg Tyr Ala Glu Glu Arg Glu Gly  
1 5 10

<210> 346  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 346  
Ala Glu Arg Met Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 347  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 347  
Ala Glu Arg Lys Ala Glu Glu Arg Arg Arg  
1 5 10

<210> 348  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 348  
Ala His Arg Asn Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 349  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 349

Ala Glu Arg Lys Ser Glu Asp Trp Arg Trp  
1 5 10

&lt;210&gt; 350

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 350

Ala Glu Arg Lys Ala Glu Glu Lys Arg Arg  
1 5 10

&lt;210&gt; 351

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 351

Ala Glu Arg Gln Ala Glu Thr Arg Arg Trp  
1 5 10

&lt;210&gt; 352

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 352

Ala Glu Arg Asn Ala Glu Glu Arg Arg Trp  
1 5 10

&lt;210&gt; 353

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

<400> 353  
Ala Glu Arg Gln Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 354  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 354  
Ala Glu Arg Arg Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 355  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 355  
Ala Glu Arg Asp Ala Glu Gln Arg Arg Trp  
1 5 10

<210> 356  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 356  
Ala Glu Arg Ile Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 357  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 357

Ala Glu Arg Ser Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 358

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 358

Ala Glu Arg Lys Ala Glu Glu Leu Arg Trp  
1 5 10

<210> 359

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 359

Ala Glu Arg Lys Ala Glu Glu Ser Arg Trp  
1 5 10

<210> 360

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 360

Glu Glu Arg Lys Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 361

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide



<400> 361

Ala Asp Gly Lys Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 362

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 362

Ala Asp Gly Lys Ala Glu Glu Leu Arg Trp  
1 5 10

<210> 363

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 363

Ala Asp Gly Met Pro Glu Glu Arg Arg Trp  
1 5 10

<210> 364

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 364

Ala Asp Gly Glu Ala Glu Lys Arg Arg Trp  
1 5 10

<210> 365

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 365

Ala Asp Gly Asn Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 366

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 366

Ala Asp Gly Glu Ala Glu Lys Ala Arg Trp  
1 5 10

<210> 367

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 367

Ala Glu Gly Glu Ala Glu Lys Ala Arg Trp  
1 5 10

<210> 368

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 368

Gly Glu Arg Lys Ala Glu Glu Arg Arg Trp  
1 5 10

<210> 369

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 369

Ala Glu Arg Glu Ala Glu Glu Arg Arg Trp  
1 5 10

&lt;210&gt; 370

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 370

Ala Asp Gly Glu Ala Glu Ala Arg Arg Trp  
1 5 10

&lt;210&gt; 371

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 371

Ala Asp Gly Arg Ala Glu Glu Ala Arg Trp  
1 5 10

&lt;210&gt; 372

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 372

Ala Glu Gly Arg Ala Glu Glu Ala Arg Trp  
1 5 10

&lt;210&gt; 373

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 373

Ala Glu Arg Glu Ala Glu Lys Ala Arg Trp  
1 5 10

&lt;210&gt; 374

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 374

Ala Glu Arg Lys Ala Glu Glu Gln Arg Trp  
1 5 10

&lt;210&gt; 375

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 375

Ala Glu Arg Asp Ala Glu Lys Arg Arg Trp  
1 5 10

&lt;210&gt; 376

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 376

Ala Glu Arg Glu Ala Glu Lys Leu Arg Trp  
1 5 10

&lt;210&gt; 377

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 377

Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Phe	Asn	Thr	His
1				5					10					15	

Gly Arg Glu

&lt;210&gt; 378

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 378

Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Phe	Asn	Thr	His
1				5					10					15	

Gly	Arg	Glu	Lys
			20

&lt;210&gt; 379

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 379

Gly	Gly	Gly	Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Phe
1				5					10					15	

Asn	Thr	His	Gly	Arg	Glu
					20

&lt;210&gt; 380

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 380

Cys	Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Phe	Asn	Thr
1				5						10				15	

His	Gly	Arg	Glu
			20

<210> 381  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 381  
 Cys Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Phe Asn Thr  
   1                  5                  10                  15  
 His Gly Arg Glu Lys  
                   20

<210> 382  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 382  
 Met Leu Ala Glu Arg Tyr Ala Glu Glu Arg Glu Gly Phe Asn Met Gln  
   1                  5                  10                  15  
 Trp Arg Glu

<210> 383  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 383  
 Met Leu Ala Glu Arg Met Ala Glu Glu Arg Arg Trp Phe Arg Arg Met  
   1                  5                  10                  15  
 Gly

<210> 384  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 384

Ile	Val	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Arg	Leu	Asn	Thr	Glu
1				5					10					15	

Gly His Glu

&lt;210&gt; 385

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 385

Ile	Leu	Ala	His	Arg	Asn	Ala	Glu	Glu	Arg	Arg	Trp	Phe	Gln	Lys	His
1				5					10					15	

Gly Arg

&lt;210&gt; 386

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 386

Met	Leu	Ala	Glu	Arg	Lys	Ser	Glu	Asp	Trp	Arg	Trp	Leu	Lys	Thr	His
1				5					10					15	

Gly Arg Asp

&lt;210&gt; 387

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 387

Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Lys	Arg	Arg	Leu	Lys	Thr	Gln
1				5					10					15	

Gly Arg Glu

<210> 388  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 388  
 Ile Leu Ala Glu Arg Gln Ala Glu Thr Arg Arg Trp Met Arg Asn Ala  
 1 5 10 15

Gly Ser Val Thr Lys  
 20

<210> 389  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 389  
 Met Leu Ala Glu Arg Asn Ala Glu Glu Arg Arg Trp Leu Lys Arg Gln  
 1 5 10 15

Cys Gly

<210> 390  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 390  
 Met Leu Ala Glu Arg Gln Ala Glu Glu Arg Arg Trp Leu Lys Met His  
 1 5 10 15

Gly Gly Glu

<210> 391  
 <211> 19



<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 391  
 Met Leu Ala Glu Arg Arg Ala Glu Glu Arg Arg Trp Leu Lys Thr Gln  
           1                  5                  10                  15

Gly Gly Asp

<210> 392  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 392  
 Met Leu Ala Glu Arg Gln Ala Glu Glu Arg Arg Trp Leu Lys Thr Gln  
           1                  5                  10                  15

Gly Arg Asp

<210> 393  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 393  
 Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Phe Lys Thr His  
           1                  5                  10                  15

Gly Arg Glu

<210> 394  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

&lt;400&gt; 394

Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Phe	Asn	Asn	Gln
1				5					10					15	

Gly Arg Glu

&lt;210&gt; 395

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 395

Met	Pro	Ala	Glu	Arg	Asp	Ala	Glu	Gln	Arg	Arg	Trp	Leu	Lys	Thr	His
1				5					10					15	

Gly Arg Glu

&lt;210&gt; 396

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 396

Ile	Leu	Ala	Glu	Arg	Ile	Ala	Glu	Glu	Arg	Arg	Trp	Leu	Lys	Thr	Gln
1				5					10					15	

Gly Arg

&lt;210&gt; 397

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 397

Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Leu	Gln	Thr	His
1				5					10					15	

Gly Arg Glu

<210> 398  
<211> 19  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 398  
Ile Leu Ala Glu Arg Ser Ala Glu Glu Arg Arg Trp Leu Lys Thr Gln  
1 5 10 15

Gly Arg Glu

<210> 399  
<211> 19  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 399  
Leu Leu Ala Glu Arg Lys Ala Glu Glu Leu Arg Trp Leu Lys Thr His  
1 5 10 15

Gly Arg Glu

<210> 400  
<211> 19  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 400  
Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Leu Gln Thr His  
1 5 10 15

Gly Arg Glu

<210> 401  
<211> 12  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 401

Met	Leu	Ala	Glu	Arg	Asn	Ala	Glu	Glu	Arg	Arg	Trp
1				5					10		

&lt;210&gt; 402

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 402

Met	Phe	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Ser	Arg	Trp	Leu	Gln	Ser	Gln
1				5					10					15	

Gly Arg Glu

&lt;210&gt; 403

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 403

Met	Leu	Glu	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Leu	Lys	Thr	His
1				5					10					15	

Gly Arg

&lt;210&gt; 404

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 404

Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Leu	Lys	Met	Gln
1				5					10					15	

Gly Arg Glu

<210> 405  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 405  
 Met Leu Ala Glu Arg Asn Ala Glu Glu Arg Arg Trp Phe Tyr Thr His  
           1                  5                  10                  15

Gly Arg Glu

<210> 406  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 406  
 Met Leu Ala Asp Gly Lys Ala Glu Glu Arg Arg Trp Leu Lys Thr His  
           1                  5                  10                  15

Gly Leu Asp

<210> 407  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 407  
 Met Ile Ala Asp Gly Lys Ala Glu Glu Arg Arg Trp Leu Lys Thr His  
           1                  5                  10                  15

Gly Arg Asp

<210> 408  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 408

Met	Leu	Ala	Asp	Gly	Lys	Ala	Glu	Glu	Leu	Arg	Trp	Leu	Lys	Thr	Gln
1				5					10					15	

Gly Ser Asp

&lt;210&gt; 409

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 409

Met	Leu	Ala	Glu	Arg	Asn	Ala	Glu	Glu	Arg	Arg	Trp	Leu	Lys	Thr	His
1				5					10					15	

Gly Arg Asp

&lt;210&gt; 410

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 410

Met	Leu	Ala	Asp	Gly	Lys	Ala	Glu	Glu	Leu	Arg	Trp	Leu	Lys	Thr	Gln
1				5					10					15	

Gly Arg Glu

&lt;210&gt; 411

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 411

Ile	Leu	Ala	Asp	Gly	Lys	Ala	Glu	Glu	Arg	Arg	Trp	Leu	Lys	Thr	His
1				5					10					15	

Gly Arg Asp

<210> 412  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 412  
 Met Leu Ala Asp Gly Met Pro Glu Glu Arg Arg Trp Leu Gln Thr His  
           1                  5                  10                  15

Gly Arg Asp

<210> 413  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 413  
 Met Leu Ala Asp Gly Glu Ala Glu Lys Arg Arg Trp Leu Asn Thr His  
           1                  5                  10                  15

Gly Arg Asp

<210> 414  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 414  
 Met Leu Ala Asp Gly Asn Ala Glu Glu Arg Arg Trp Leu Met Thr His  
           1                  5                  10                  15

Gly Arg Asp

<210> 415  
 <211> 19

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 415

Met Leu Ala Asp Gly Glu Ala Glu Lys Ala Arg Trp Leu Lys Thr Gln  
1 5 10 15

Gly Arg Glu

<210> 416

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 416

Met Leu Ala Glu Gly Glu Ala Glu Lys Ala Arg Trp Leu Lys Thr Gln  
1 5 10 15

Gly Arg Glu

<210> 417

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 417

Met Leu Ala Asp Gly Lys Ala Glu Glu Arg Arg Trp Leu Lys Thr Gln  
1 5 10 15

Gly Arg Glu

<210> 418

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide



<400> 418  
 Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Leu Ser Ala His  
           1                  5                  10                  15

Val Arg Glu

<210> 419  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 419  
 Leu Leu Gly Glu Arg Lys Ala Glu Glu Arg Arg Trp Tyr Lys Thr His  
           1                  5                  10                  15

Ala Arg Glu

<210> 420  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 420  
 Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Leu Met Thr His  
           1                  5                  10                  15

Gly His Asp

<210> 421  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
           peptide

<400> 421  
 Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Leu Lys Ser Gln  
           1                  5                  10                  15

Cys Leu Glu

<210> 422  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 422  
 Leu Leu Ala Glu Arg Glu Ala Glu Glu Arg Arg Trp Phe Lys Thr His  
           1                  5                  10                  15

Gly Arg Glu

<210> 423  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 423  
 Met Leu Ala Asp Gly Arg Ala Glu Ala Arg Arg Trp Phe Asn Met His  
           1                  5                  10                  15

Gly Arg Glu

<210> 424  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 424  
 Met Leu Ala Asp Gly Arg Ala Glu Glu Ala Arg Trp Leu Lys Thr Gln  
           1                  5                  10                  15

Gly Ser Glu

<210> 425  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 425

Met	Leu	Ala	Glu	Gly	Arg	Ala	Glu	Glu	Ala	Arg	Trp	Leu	Lys	Thr	Gln
1				5					10					15	

Gly Ser Glu

&lt;210&gt; 426

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 426

Met	Leu	Ala	Glu	Arg	Glu	Ala	Glu	Lys	Ala	Arg	Trp	Leu	Lys	Thr	Gln
1				5					10					15	

Gly Arg Glu

&lt;210&gt; 427

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 427

Met	Met	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Gln	Arg	Trp	Phe	Asp	Ile	His
1				5					10					15	

Gly Arg Asp

&lt;210&gt; 428

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 428

Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg	Arg	Trp	Leu	Leu	Thr	His
1				5					10					15	

Gly Gly Glu

<210> 429  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 429  
 Met Leu Ala Glu Arg Gln Ala Glu Glu Arg Arg Trp Leu Lys Ser Gln  
   1                  5                  10                  15

Arg Gly Glu

<210> 430  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 430  
 Leu Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Phe Ala Thr His  
   1                  5                  10                  15

Gly Arg Asp

<210> 431  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 431  
 Met Leu Ala Glu Arg Glu Ala Glu Lys Leu Arg Trp Leu Lys Ser Gln  
   1                  5                  10                  15

Glu Arg Ala

<210> 432  
 <211> 19

<212> PRT  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 432

Met Leu Ala Glu Arg Lys Ala Glu Glu Arg Arg Trp Leu Lys Thr His  
           1                  5                  10                  15

Gly Gly Glu

<210> 433

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 433

Cys Thr Trp Thr Asp Leu Glu Ser Val Tyr  
           1                  5                  10

<210> 434

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 434

His Thr Thr Asn Glu Gln Phe Phe Met Cys  
           1                  5                  10

<210> 435

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 435

Asp Thr Trp Leu Glu Leu Glu Ser Arg Tyr  
           1                  5                  10

<210> 436  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 436  
His Asn Ser Ser Pro Met Val Gly Val Thr  
1 5 10

<210> 437  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 437  
Asp Trp Gln Lys Thr Ile Pro Ala Tyr Trp  
1 5 10

<210> 438  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 438  
Arg Trp Gly Arg Glu Gly Leu Val Ala Ala Leu Leu  
1 5 10

<210> 439  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 439  
Trp Ser Gly Thr Arg Val Trp Arg Cys Val Val Thr  
1 5 10

<210> 440  
<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 440  
Met Ser Leu Leu Ser Tyr Leu Arg Ser  
1 5

<210> 441  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 441  
Leu Asp Leu Leu Ala Ile  
1 5

<210> 442  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 442  
Arg Ile Tyr Gly Val Lys  
1 5

<210> 443  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 443  
Met Ile Trp His Met Phe Met Ser Leu Leu Phe  
1 5 10

<210> 444  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 444

Phe Phe Trp Ala Ser Trp Met His Leu Leu Trp  
1 5 10

<210> 445

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 445

Phe Asp Asp Cys Trp Arg Glu Arg Glu Gln Phe Leu Phe Gln Ala Leu  
1 5 10 15

<210> 446

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 446

Cys Gly Arg Ala Ser Glu Cys Phe Arg Leu Leu Glu Met  
1 5 10

<210> 447

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 447

Arg Glu Cys Phe Gln Met Leu Glu Arg  
1 5

<210> 448

<211> 14

<212> PRT

<213> Artificial Sequence



<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 448

Cys Ser Ile Arg Trp Asp Phe Val Pro Gly Tyr Gly Leu Cys  
1 5 10

<210> 449

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 449

Trp Met Gln Cys Trp Asp Ser Leu Ser Leu Cys Tyr Asp Met  
1 5 10

<210> 450

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 450

Ala Leu Leu Met Cys Glu Ser Lys Leu Ala Glu Cys Ala Arg Ala Arg  
1 5 10 15

<210> 451

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 451

Leu Ala His Cys Lys Lys Arg Lys Glu Glu Cys Ala Ala Gly  
1 5 10

<210> 452

<211> 12

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 452

Ser	Ile	Asp	Gly	Val	Tyr	Leu	Arg	Thr	Ser	Arg	Thr
1				5					10		

&lt;210&gt; 453

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 453

Ser	Ile	Asp	Gly	Val	Tyr	Leu	Arg	Thr	Arg	Ser	Arg	Thr	Arg	Tyr
1				5					10				15	

&lt;210&gt; 454

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 454

Val	Arg	Trp	Leu	Arg	Gly	Ser	Thr	Leu	Arg	Gly	Leu	Arg	Asp	Arg
1				5					10				15	

&lt;210&gt; 455

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 455

Asp	Arg	Gly	Gly	Gly	Thr	Val	Gly	Val	Tyr	Trp	Trp	Glu	Ser	Tyr
1				5					10				15	

&lt;210&gt; 456

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 456

Val Trp Gly Thr Val Gly Thr Trp Leu Glu Tyr  
1 5 10

<210> 457

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 457

Leu Met Trp Val Ser Ala Tyr  
1 5

<210> 458

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 458

Arg Ala Ser Asp Glu Tyr Gly Ala Leu Val Arg Phe Cys Thr Asn Leu  
1 5 10 15

<210> 459

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 459

Asn Tyr Trp Cys Asp Ser Asn Trp Val Cys Glu Ile Ala  
1 5 10

<210> 460

<211> 14

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 460

Leu Ala His Cys Leu Leu Arg Leu Glu Glu Cys Ala Ala Gly  
1 5 10

&lt;210&gt; 461

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 461

Leu Ala Leu Cys Leu Ala Arg Leu Arg Glu Cys Ala Gly Gly  
1 5 10

&lt;210&gt; 462

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 462

Cys Glu Ser Arg Leu Val Glu Cys Ser Arg Met  
1 5 10

&lt;210&gt; 463

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 463

Leu Leu Asp Ile Ala Glu Leu Lys Leu Gln Glu Cys Ala Arg Arg Cys  
1 5 10 15

Asn

&lt;210&gt; 464

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 464

Lys	Leu	Leu	Asp	Ile	Ala	Glu	Leu	Lys	Leu	Gln	Glu	Cys	Ala	Arg	Arg
1				5				10						15	

Cys Asn

&lt;210&gt; 465

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 465

Cys	Ser	Thr	Gly	Gly	Gly	Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg
1				5				10						15	

Arg	Trp	Leu	Leu	Thr	His	Gly	Gly	Glu
		20					25	

&lt;210&gt; 466

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 466

Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg	Arg	Trp	Leu	Leu	Thr	His
1				5				10						15	

Gly	Gly	Glu	Gly	Gly
		20		

&lt;210&gt; 467

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 467

Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg	Arg	Trp	Leu	Leu	Thr	His
1				5				10						15	

Gly	Gly	Glu	Gly	Gly	Lys
			20		

&lt;210&gt; 468

&lt;211&gt; 24

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 468

Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg	Arg	Trp	Leu	Leu	Thr	His
1				5				10						15	

Gly	Gly	Glu	Gly	Gly	Gly	Gly	Gly
			20				

&lt;210&gt; 469

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 469

Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg	Arg	Trp	Leu	Leu	Thr	His
1				5				10						15	

Gly	Gly	Glu	Gly	Gly	Gly	Gly	Gly	Lys
			20					25

&lt;210&gt; 470

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 470

Glu	Ser	Gly	Trp	Val	Trp
1			5		

&lt;210&gt; 471

&lt;211&gt; 6

<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 471  
 Asn Ser Gly Trp Val Trp  
       1                  5

<210> 472  
 <211> 5  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 472  
 Ser Gly Trp Val Trp  
       1                  5

<210> 473  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 473  
 Pro Leu Gly Lys Cys Glu Ala Thr Cys Arg Glu Met Ala Arg Tyr Phe  
       1                  5                  10                  15

Asn

<210> 474  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 474  
 Ser Leu Gln Arg Cys Glu Tyr Lys Leu Ala Ser Val Arg Gly Leu Cys  
       1                  5                  10                  15

Asn

<210> 475  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 475  
 Asp Leu Trp Tyr Leu Glu Ser Lys Leu Glu Glu Ala Ala Arg Arg Cys  
 1 5 10 15

Asn Gly

<210> 476  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 476  
 Pro Tyr Met Gly Thr Arg Ser Arg Ala Lys Leu Leu Arg Gln Gln  
 1 5 10 15

<210> 477  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide

<400> 477  
 Arg Asn Ala Gly Glu Arg Arg Trp Phe Lys Thr Gln Gly Trp Tyr  
 1 5 10 15

<210> 478  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 peptide



&lt;400&gt; 478

Met	Leu	Ala	Glu	Arg	Asn	Ala	Asp	Asp	Arg	Arg	Trp	Phe	Asn	Thr	His
1				5					10					15	

Gly Arg Asp

&lt;210&gt; 479

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 479

Met	Met	Ala	Asp	Gly	Arg	Leu	Arg	Asn	Ser	Val	Gly	Leu	Ile	Leu	Trp
1				5				10						15	

Cys Asp

&lt;210&gt; 480

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 480

Met	Leu	Ala	Asp	Gly	Arg	Leu	Arg	Asn	Val	Val	Gly
1				5				10			

&lt;210&gt; 481

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 481

Leu	Leu	Ala	Asp	Val	Arg	Arg	Arg	Asn	Gly	Val	Gly	Leu	Leu	Arg	Met
1				5				10						15	

Gly Arg Asp

&lt;210&gt; 482

&lt;211&gt; 12

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 482  
Met Leu Ala Asp Gly Arg Leu Arg Asn Phe Gly Gly  
1 5 10

<210> 483  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 483  
Thr Tyr Met Thr Tyr Val Tyr Trp Leu Cys  
1 5 10

<210> 484  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 484  
Arg Phe Gly Glu Arg Trp Gly Leu  
1 5

<210> 485  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 485  
His Trp Leu Trp Trp Gly Trp Asn Phe  
1 5

<210> 486  
<211> 10  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 486

Arg	Glu	Cys	Phe	Gln	Met	Leu	Glu	Arg	Cys
1				5				10	

&lt;210&gt; 487

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 487

Ile	Leu	Ala	His	Arg	Asn	Ala	Lys	Glu	Arg	Arg	Trp	Phe	Gln	Lys	His
1				5				10					15		

Gly Arg

&lt;210&gt; 488

&lt;211&gt; 26

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 488

Cys	Ser	Thr	Gly	Gly	Gly	Leu	Thr	Ala	Glu	Arg	Asp	Ala	Glu	Lys	Arg
1				5				10					15		

Arg	Trp	Leu	Leu	Thr	His	Gly	Gly	Glu	Lys
		20					25		

&lt;210&gt; 489

&lt;211&gt; 23

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 489

Lys	Gly	Gly	Gly	Met	Leu	Ala	Glu	Arg	Lys	Ala	Glu	Glu	Arg	Arg	Trp
1				5				10					15		

Phe Asn Thr His Gly Arg Glu  
20

<210> 490

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 490

Lys Ser Thr Gly Gly Leu Thr Ala Glu Arg Asp Ala Glu Lys Arg Arg  
1 5 10 15

Trp Leu Leu Thr His Gly Gly Glu  
20

<210> 491

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 491

Glu Gln Ser Asn Ser Gly Trp Val Trp Val Gly Gly Gly Gly Cys Lys  
1 5 10 15

Lys Lys Cys